APPLICATION UNDER UNITED STATES PATENT LAWS

Invention: RECEPTOR BINDING ASSAYS FOR THE DETECTION OF TSH

RECEPTOR AUTOANTIBODIES AND REAGENTS AND REAGENT KIT

FOR CARRYING OUT SUCH A RECEPTOR BINDING ASSAY

Inventor(s): BERGM.

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	This is a:								
	Provisional Application								
	Regular Utility Application								
	Continuing Application								
\boxtimes	PCT National Phase Application								
	Design Application								
	Reissue Application								
	Plant Application								
	Substitute Specification Sub. Spec. filed in App. No /								
	Marked Up Specification re Sub. Spec. filed in App. No. /								
	ш дрр. 140.								

SPECIFICATION

514 Rec'd PCTRTO 1 5 SEP 1999

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE REQUEST FOR FILING NATIONAL PHASE OF PCT APPLICATION UNDER 35 U.S.C. 371 AND 37 CFR 1.494 OR 1.495

To: Asst. Commissioner of Patents Washington, D.C. 20231

TRANS	SMITTAL LETTER TO THE UNITED S	STATE	ES	Atty [Dkt: F	PM 2632	60	2769US AS/KM			
DESIG	NATED/ELECTED OFFICE (DO/EO/	JS)		_		N	Λ#	Client Ref.			
From:	Pillsbury Madison & Sutro LLP, IP (Group):	Date:	Sept	ember 1	5, 1999				
	This is a REQUEST for <u>FILING</u> a PO	CT/US	SA Nation	nal Phase Ap	pplicatio	n based	on:				
1.	International Application	Date	3.	Earliest F	Priority Date Claimed						
	PCT/EP99/00159		13 Day	January MONTH	1999 Year	_	15 Day	January 1998 MONTH Yea			
4.	Measured from the earliest priority difiled within:	ate in	item 3,	this PCT/US	A Natior	nal Phas		2 if no earlier priority ion Request is being			
	(a) ☐ 20 months from above item 3 date (b) ☐ 30 months from above item 3 date,										
	(c) Therefore, the due date (unexten	dable	e) is _9/	15/99							
5.	Title of Invention Receptor binding assays for the detection of TSH receptor autoantibodies and reagents and reagent kit for carrying out such a receptor binding assay										
6.	Inventor(s) BERGMANN, Andrea	s et a	!								
Applica	nt herewith submits the following und	er 35	U.S.C. 3	371 to effect	filing:						
7.		l exan	nination	procedures	(35 U.S.	C. 371 (1	f)).				
8.	☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is transmitted herewith (file if in English but, if in foreign language, file only if not transmitted to PTO by the International Bureau) including:										
	a. Request; b. Abstract; c. pgs. Spec. and Claims; d. sheet(s) Drawing which ar	е [] informa	I □f	formal of	f size	□ A4	☐ 11"			
9.		olicati	ion has	been transr	mitted b	y the Int	ternationa	ıl Bureau.			
10.	A translation of the International A a. Significant in the international A (3) 42 pgs. Spec. (4) 4 sheet(s) Dra (4) 7 pgs. Spec. (5) pgs. Spec. (6) pgs.	cludir and C	ng: (1) [:laims;	Request;			(2))				
	b. is not required, as the ap c. is not herewith, but will b Notice per Rule 494(c) if d. Translation statement att	plicati e filed box 4	informa ion was f when re (a) is X'o	al	ne forthc 5(c) if bo	oming P	⊠ A4 TO Missing X'd.				

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received, please proceed promptly to obtain same from the IB.

Copy of Form PCT/IB/304 attached.

See Form PCT/IB/304 sent to US/DO with copy of priority documents. If copy has not been

00159

-- This application also claims the benefit of U.S. Provisional Application No.

PLEASE AMEND the specification before its first line by inserting as a separate paragraph:

--This application is the national phase of international application PCT _/EP99 /00159

, filed Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C.

371(c)(3)), i.e., before 18th month from first priority date above in item 3, are transmitted

RE: USA National Filing of PCT/ EP#

filed January 13, 1999

herewith (file only if in English) including:

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24.		ched:	-	.						Rec'd	T/PTC) 1	5 SE	P 1999
25.	Preliminary Amendment:													
25.5	Per Item 17.c3, <u>cancel original</u> pages #, claims #, Drawing Sheets #													
26. <u>Calculation of the U.S. National Fee (35 U.S.C. 371 (c)(1)) and other fees is as follows:</u> based on <u>amended</u> claim(s) per above item(s) 12, 14, 17, 25, 25.5 (hilite) Fee Code (lg/sm entity)														
Total E Indeper If any p	ndent	Clair		er) M ul	tiple Dep	minu	ıs 20 ≃ ıs 3 = claim is	0		x \$18/\$9 x \$78/\$3 add\$260	19 =	\$0 \$0 +0		966/967 964/965 968/969
BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(4)): →→BASIC FEE REQUIRED, NOW→→→														
A. If country code letters in item 1 are not "US", "BR", "BB", "TT", "MX", "IL" "NZ", or "IN"														
	<u>See</u> 1. 2.	Sea	<u>16 re:</u> rch Report rch Report	was <u>n</u> was p	ot prepar repared t	ed by E by EPO	<u>PO or J</u> or JPO	I <u>PO</u>		add\$970 add\$840	∲ /\$485 /\$420	+840)	960/961 970/971
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→ (X)		B.	If <u>USPTO</u> (ISR) <u>and</u> Examinati	(if box	4(b) abo	ve is X'	d) the li	nternatior	nal	add\$970	↓ /\$485	+		960/961
(o <u>nly)</u> (<u>one)</u> →		C.	If <u>USPTO</u> X'd),	issued	ISR but	not IPE	R (or b	ox 4(a) a	bove is	add\$760	/\$380	+		958/959
(these) (4) → (boxes)		D.	If <u>USPTO</u> YES,	issued	IPER b	ut IPER	Sec. V	boxes <u>no</u>	o <u>t all</u> 3	add\$670	/\$335	_+_		956/957
→	E. If international preliminary examination fee was paid to <u>USPTO and Rules 492(a)(4) and 496(b) satisfied</u> (IPER Sec. V all 3 boxes YES for all claims), add \$96/\$48									962/963				
27.										SUBTOT	AL =	\$840		<u>.</u>
28.	If As	ssignr	ment box 1	9 abov	e is X'd,	add Ass	signmer	nt Record	ling fee o	of\$40		+0		581
29.	Attached is a check to cover the TOTAL FEES \$840								=					
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filed, or who or hereafted	ich shou r relative opv of th	uld have e to this nis shee	The Commission been filed herev application and t is attached. NT does not au	vith or cor the resulti	cerning any p ng Official doo	caper filed he cument unde	ereafter, an er Rule 20,	or credit any o	be required u overpayment,	nder Rules 16-1 to our Account/	8 and 492 (missing of	<u>r insufficient</u>	fee only) now
Pillsbury Madison & Sutro LLP Intellectual Property Group														
Ninth F	Floor	East	Avenue, N. Tower		By: Atty	Raul	I N. Ko	kulis 1			Reg. I		6773	-0044
Tel: (20	Washington, D.C. 20005-3918 Sig: // / / Fax: (202) 822-0944 Tel: (202) 861-3503 Atty/Sec: PNK/mhn													